

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of: Tang, et al.

Serial No.: 10/081,260

Filed: February 22, 2002

Assignee: PanGo Networks, Inc.

Atty Docket No.: 02-154 CONT

Assistance Commissioner for Patents
Washington, D.C. 20231

)
) SYSTEMS, DEVICES AND
) METHODS FOR PROVIDING
) SERVICES IN A PROXIMITY-
) BASED ENVIRONMENT

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MAY 22 2002

Technology Center 2600

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)**

As evidenced by the assignment attached hereto which was filed with the U.S. Patent Office for recordation in the parent U.S. Patent Application Serial No. 09/593,531 on June 14, 2000, PanGo Networks, Inc. is the assignee of record of the entire right, title and interest in the present invention and application for patent therefor.

As assignee of record of the entire right, title and interest in the above-identified U.S. Patent application, PanGo Networks, Inc. revokes all powers of attorney previously given and hereby appoints the following attorneys to prosecute said application, and all applications claiming priority therefrom, and to otherwise transact all business in the U.S. Patent and Trademark Office connected therewith:

Thomas C. Wettach, Reg. No. 24,455
 Gerald J. Iwanejko, Jr., Reg. No. 38,501
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PLEASE SEND ALL CORRESPONDENCE
AND DIRECT TELEPHONE CALL TO:

Thomas C. Wettach
 Cohen & Grigsby, P.C.
 11 Stanwix Street, 15th Floor
 Pittsburgh, PA 15222
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In accordance with 37 CFR 3.73 the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

Respectfully submitted,

PANGO NETWORKS, INC.

By Mark D. Pollard
 Mark D. Pollard
 Vice President and Secretary

Dated: 5/16/02

#656730

For: U.S. and Foreign Rights
For: U.S. Application or
 U.S. Provisional Application
For: U.S. Patent
For: PCT Application
By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the rights and obligations of the ASSIGNOR(S) and of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR(S):

Inventor(s) or
person(s) or
entity(ies) who own the
invention

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NATIONALITY

hereby sell, assign and transfer to

ASSIGNEE:

PanGo Networks, Inc.
(TYPE OR PRINT NAME(S) OF ASSIGNEE(S))

249 North Craig Street
Address
Pittsburgh, Pennsylvania 15213
USA

Nationality

a corporation of the Commonwealth of Pennsylvania, and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

 the entire right, title and interest an undivided _____ percent (_____) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

 and in all foreign countries, including all rights to claim priority,

in and to any and all inventions, developments and improvements (collectively, the "Inventions") which are disclosed in the invention entitled:

SYSTEMS, DEVICES AND METHODS FOR PROVIDING SERVICES IN A PROXIMITY-BASED ENVIRONMENTName of inventor(s) Hong Da Tang, Chanakya C. Damarla and Mark D. Pollard

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) U.S. patent application executed on even date herewith(b) U.S. patent application executed on _____(c) U.S. provisional application naming the above inventor(s) for the above-entitled invention. Express mail label no.: _____
Mailed: _____ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.(d) U.S. application no. 09/593,531
filed on June 14, 2000 Express mail label no.: _____(e) International application no. PCT/ _____ / _____(f) U.S. patent no. _____ issued _____ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for the Inventions by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent, any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenant that no assignment, sale, grant, mortgage, license, encumbrance or other agreement affecting the rights and property herein conveyed has been or will be made or entered into, and that ASSIGNOR(S) have the full right to convey the same.

ASSIGNOR(S) further agree that when requested, without charge to, but at the expense of ASSIGNEE, that ASSIGNOR(S) will: 1) execute, for all countries, all divisions, reissues, reexaminations, continuations, renewals, extensions and all other patent applications on any and all of the Inventions; 2) execute all rightful oaths and other papers; 3) communicate all facts known to ASSIGNOR(S) relating to the Inventions and the history thereof; 4) testify in all legal proceedings; and 5) generally do everything possible which Assignee, its successors, assigns and representatives shall consider desirable for aiding in securing, maintaining and/or enforcing ASSIGNEE'S rights and patent protection in said Inventions, and for vesting title therein in ASSIGNEE, its successors, assigns and legal representatives.

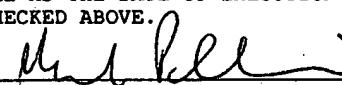
ASSIGNOR(S) further agree that ASSIGNEE shall have and to hold the interests assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, reexaminations, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment not been made.

ASSIGNOR(S) further authorize and request the United States Commissioner of Patent and Trademarks and any corresponding foreign officer to issue to ASSIGNEE, its successors, assigns and legal representatives, any and all United States and foreign Letters Patent on the Inventions.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal the signing indicated below.

WARNING: THE DATE OF SIGNING MUST BE THE SAME AS THE DATE OF EXECUTION OF THE APPLICATION, IF ITEM (A) WAS CHECKED ABOVE.

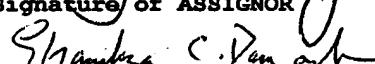
Date: 1/22/01


Signature of ASSIGNOR

Date: 1/22/01


Signature of ASSIGNOR

Date: 1/22/01


Signature of ASSIGNOR

(if ASSIGNOR is a legal entity, complete the following information)

(TYPE OR PRINT THE NAME OF THE ABOVE PERSON
AUTHORIZED TO SIGN ON BEHALF OF
ASSIGNOR)

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.